



**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	10/693,253
	Filing Date	October 23, 2003
	First Named Inventor	Jabri, Marwan Anwar
	Title	METHOD AND APPARATUS FOR DTMF DETECTION AND VOICE MIXING IN THE CELP PARAMETER DOMAIN
	Art Unit	2631
	Examiner Name	Unassigned
	Attorney Docket Number	021318-001210US

I hereby appoint:

Practitioners associated with the Customer Number

20350

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	<i>Patricia S. Soper</i>		
Signature			
Date	Telephone		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Marwan A. Jabri et al.Application No./Patent No.: 10/693,253 Filed/Issue Date: October 23, 2003Entitled: METHOD AND APPARATUS FOR DTMF DETECTION AND VOICE MIXING IN THE CELP PARAMETER DOMAINDilithium Networks Pty Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

362104

Date 4/15/95-1100

Telephone number

Typed or printed name

Signature

Title

4159252277

DM

COPY



Attorney Docket No.: 021318-W01210US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Marwan Anwar Jabri of Level 7, 3 Smail Street, Broadway, NSW, 2007 Australia; Jianwei Wang of 104 Killarney Drive, Killarney Heights, NSW, 2087 Australia; Sanch Georgy of 54 Josephine Street, Riverwood, NSW, 2210 Australia; Michael Ibrahim of 1 Salerwong Place, Ryde, NSW, 2112 Australia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR DTMF DETECTION AND VOICE MIXING IN THE CELP PARAMETER DOMAIN

Filing Date: October 23, 2003

Application No.: 10/693,253; and

WHEREAS, Dilithium Networks Pty Ltd. (ACN 071 123 521), an Australian corporation located at Level 7, 3 Smail Street, Broadway, NSW, AUSTRALIA 2007, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 23 April 04
26 April 04



Marwan Anwar Jabri

Dated: _____



Jianwei Wang

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Marwan Anwar Jabri of Level 7, 3 Smail Street, Broadway, NSW, 2007 Australia; Jianwei Wang of 104 Killarney Drive, Killarney Heights, NSW, 2087 Australia; Sameh Georgy of 54 Josephine Street, Riverwood, NSW, 2210 Australia; Michael Ibrahim of 1 Salerwong Place, Ryde, NSW, 2112 Australia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD AND APPARATUS FOR DTMF DETECTION AND VOICE MIXING IN THE CELP PARAMETER DOMAIN**

Filing Date: **October 23, 2003**

Application No.: **10/693,253; and**

WHEREAS, Dilithium Networks Pty Ltd. (ACN 071 123 521), an Australian corporation located at Level 7, 3 Smail Street, Broadway, NSW, AUSTRALIA 2007, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Marwan Anwar Jabri



Dated: April 22, 2004

Jianwei Wang

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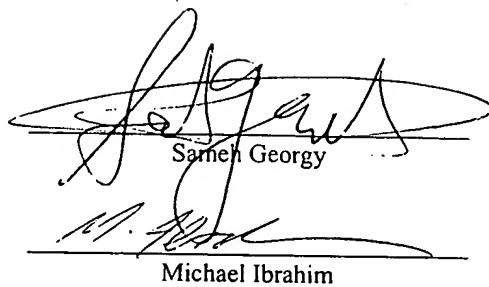
COPY

Assignment

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Dated: 23/04/04

Dated: 23/4/04



Sameh Georgy
Michael Ibrahim

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